

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
 Data File : BM023335.D
 Acq On : 23 Oct 2019 00:55
 Operator : JU
 Sample : K5354-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFB87

Manual Integrations
 APPROVED

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 10/24/2019 8:09:09 AM

Quant Time: Oct 23 04:33:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 23 04:28:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	393551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1570687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	983222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2067207	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2095962	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2569533	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	29982	3.35	ng/uL	0.00
5) Phenol-d5	6.83	99	587868	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	337110	17.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	483310	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	474335	17.23	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	233402	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	257850	25.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	494084	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	156009	4.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1543412	20.48	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1799806	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	207509	17.01	ng/ul	0.00
58) Fluorene-d10	15.29	176	1359831	21.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	150674	18.38	ng/ul	0.00
71) Anthracene-d10	17.14	188	2146255	21.53	ng/ul	0.00
79) Pyrene-d10	19.43	212	2363479	23.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2864056	21.99	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.85	94	65652	1.857	ng/ul	98
45) Dimethylphthalate	13.76	163	615953	8.167	ng/ul	99
48) Acenaphthylene	14.01	152	134767	1.491	ng/ul	98
59) Fluorene	15.34	166	77333	1.055	ng/ul#	99
70) Phenanthrene	17.08	178	1503226	12.957	ng/ul	99
72) Anthracene	17.17	178	334836	2.793	ng/ul	98
75) Carbazole	17.44	167	143924	1.344	ng/ul	97
77) Fluoranthene	19.10	202	2515516	18.232	ng/ul	99
80) Pyrene	19.46	202	2285348	17.405	ng/ul	98
83) Benzo(a)anthracene	21.22	228	1266626	8.919	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.17	149	96881	1.334	ng/ul#	95
85) Chrysene	21.26	228	1318014	9.995	ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	1872328	12.018	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	676953m	4.525	ng/ul	
91) Benzo(a)pyrene	23.34	252	1388286	9.288	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	1022992	5.753	ng/ul	96
93) Dibenzo(a,h)anthracene	25.64	278	284717	1.915	ng/ul#	90
94) Benzo(g,h,i)perylene	26.32	276	967337	6.607	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

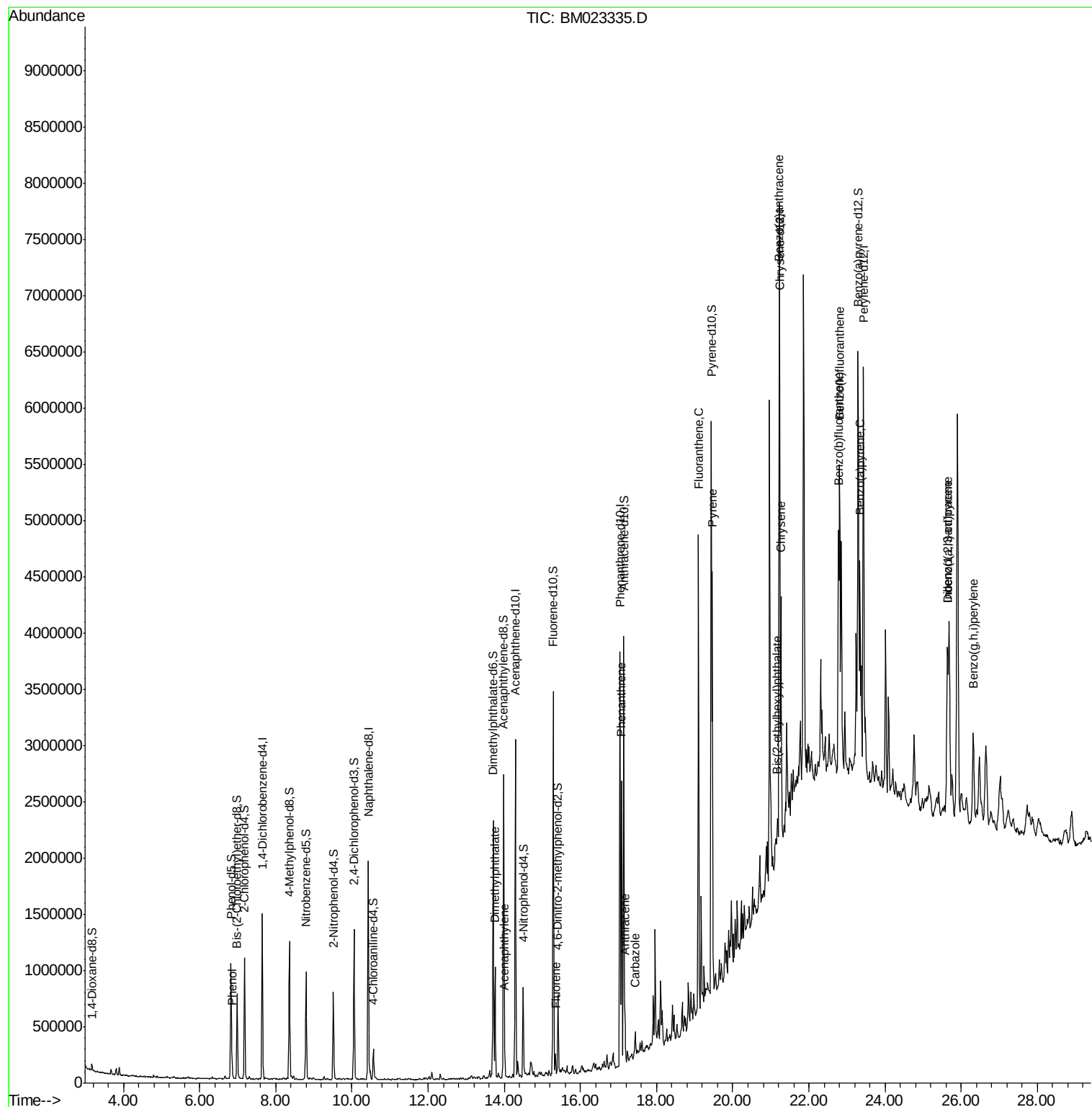
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023335.D
Acq On : 23 Oct 2019 00:55
Operator : JU
Sample : K5354-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

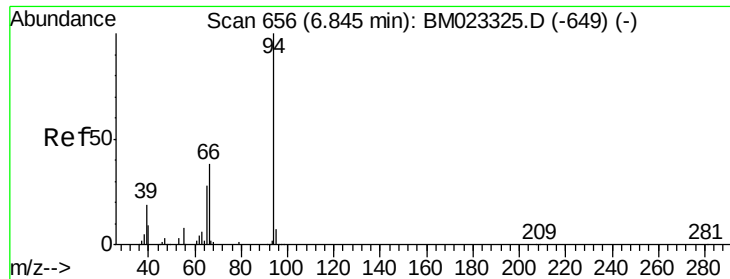
Instrument :
BNA_M
ClientSampleId :
BFB87

Quant Time: Oct 23 04:33:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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#6

Phenol

Concen: 1.857 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

Instrument :

BNA_M

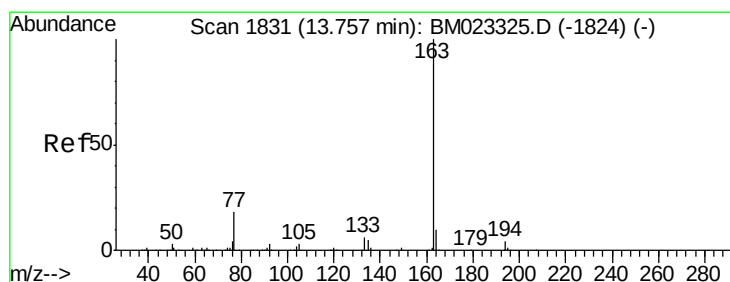
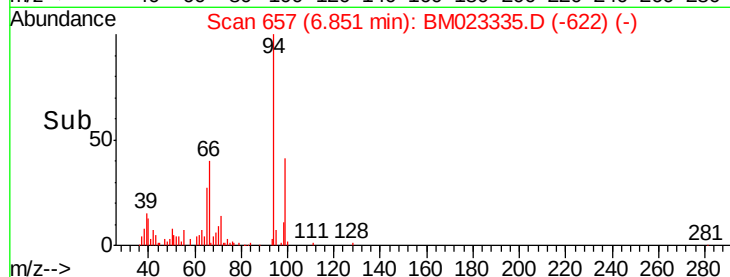
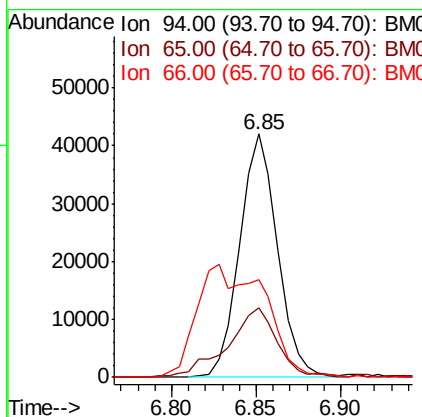
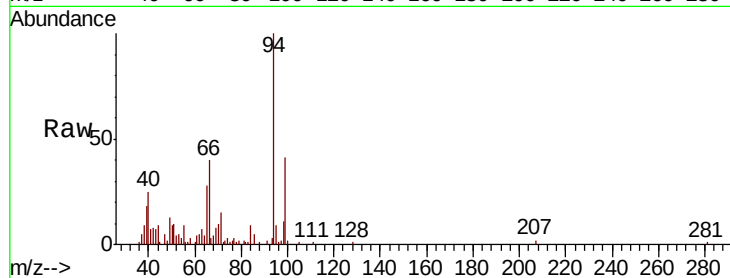
ClientSampled :

BFB87

Tot Ion:	94	Resp:	65652
Ion Ratio	Lower	Upper	
94	100		
65	28.3	23.2	34.8
66	40.0	32.9	49.3

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#45

Dimethylphthalate

Concen: 8.167 ng/ul

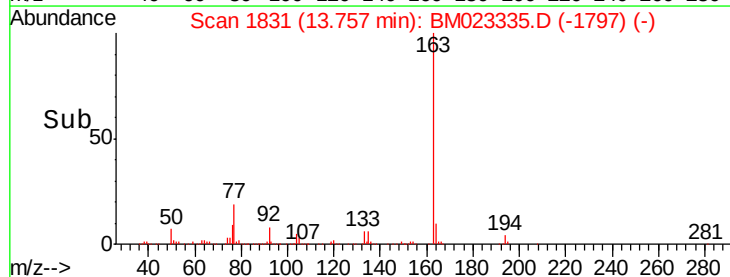
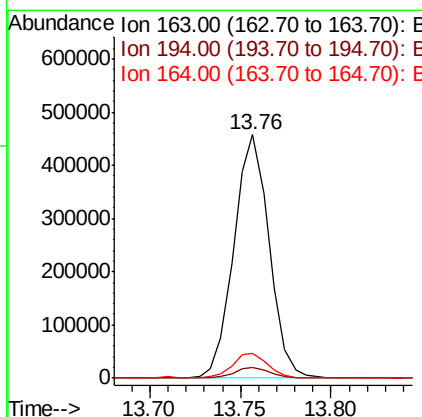
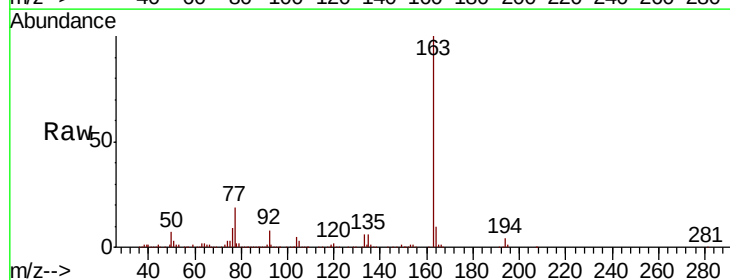
RT: 13.76 min Scan# 1831

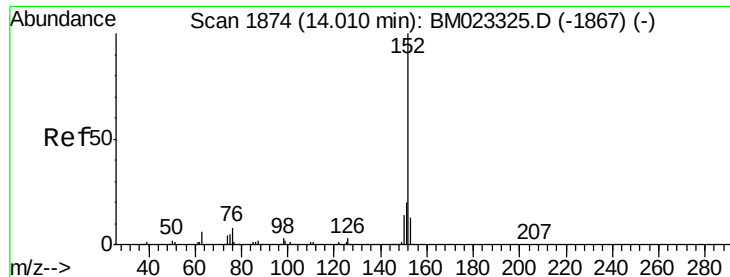
Delta R.T. -0.00 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

Tgt Ion:	163	Resp:	615953
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	10.1	7.8	11.6





#48

Acenaphthylene

Concen: 1.491 ng/ul

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

Instrument :

BNA_M

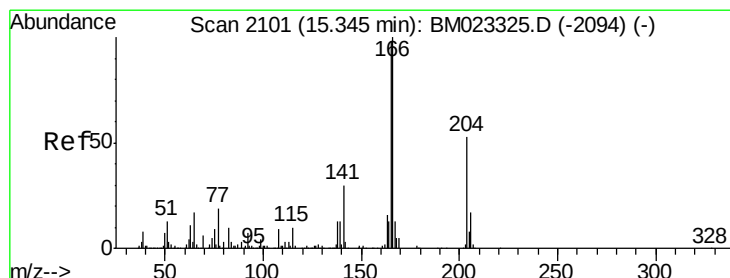
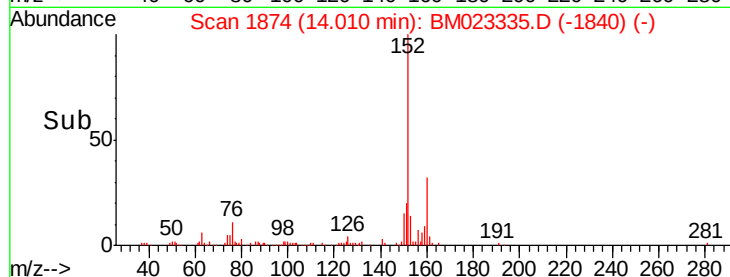
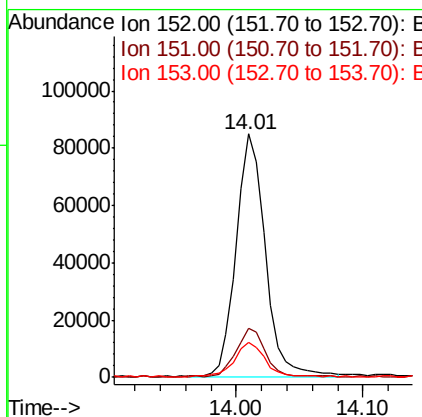
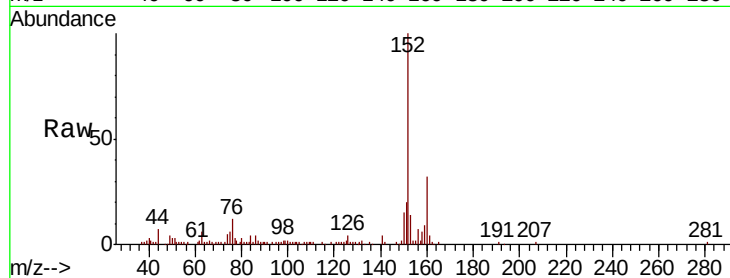
ClientSampleId :

BFB87

Tot Ion:	152	Resp:	134767
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.9	23.9
153	14.4	10.3	15.5

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#59

Fluorene

Concen: 1.055 ng/ul

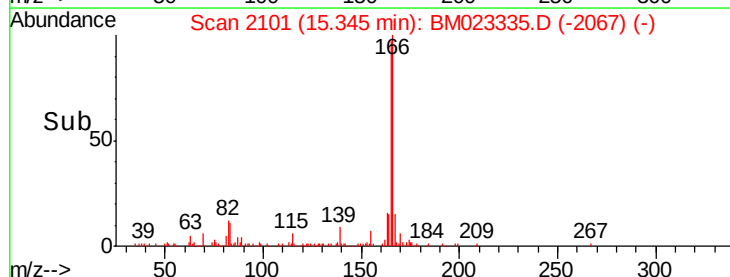
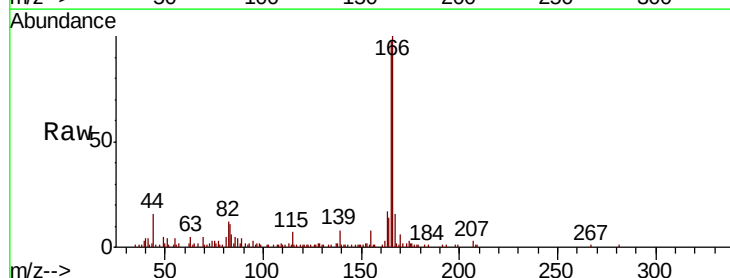
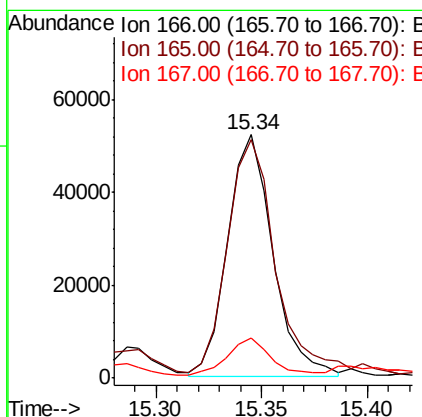
RT: 15.34 min Scan# 2101

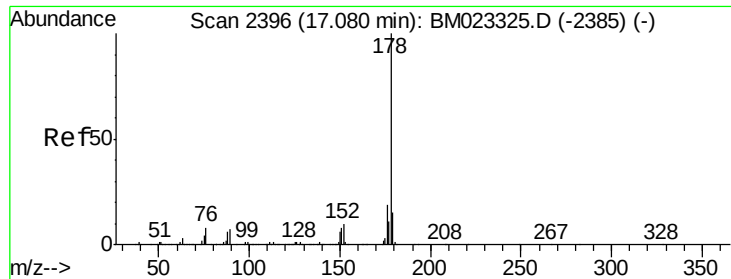
Delta R.T. -0.00 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

Tgt Ion:	166	Resp:	77333
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.3	117.5
167	16.4	10.7	16.1#





#70

Phenanthrene

Concen: 12.957 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

Instrument :

BNA_M

ClientSampled :

BFB87

Tot Ion:178 Resp: 1503226

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

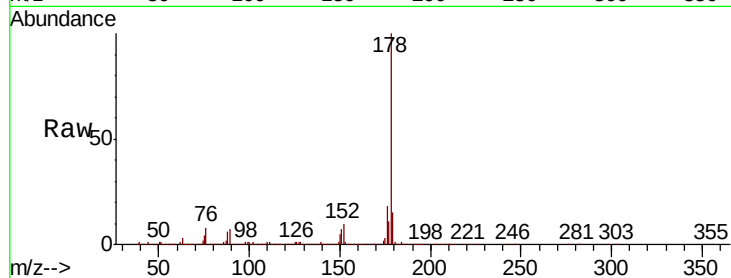
176 18.0 15.0 22.4

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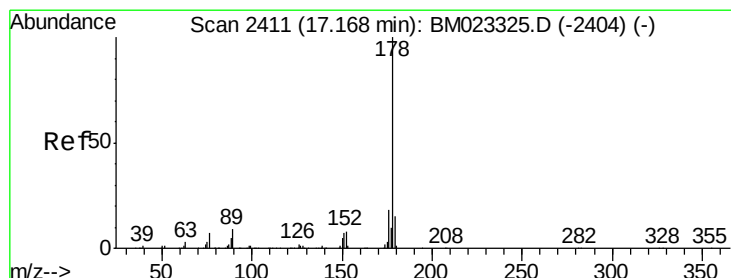
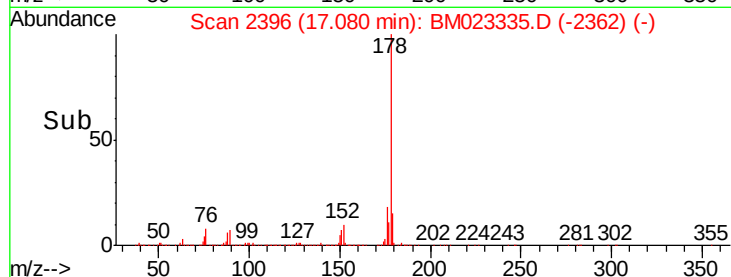
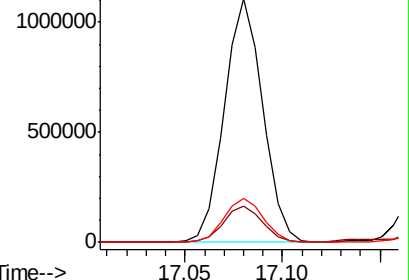
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Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 2.793 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BM023335.D

Acq: 23 Oct 2019 00:55

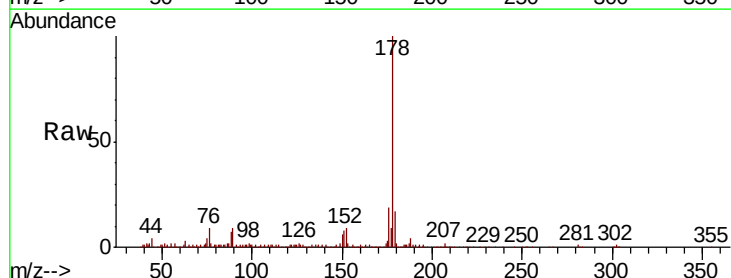
Tgt Ion:178 Resp: 334836

Ion Ratio Lower Upper

178 100

179 16.6 12.5 18.7

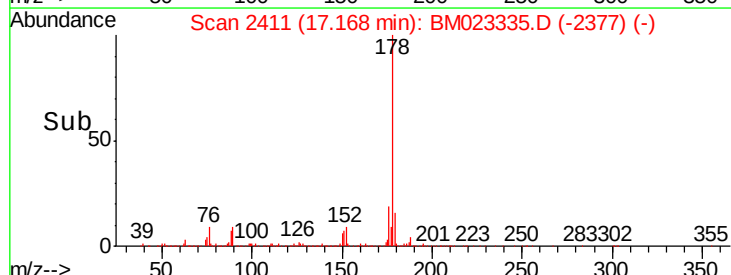
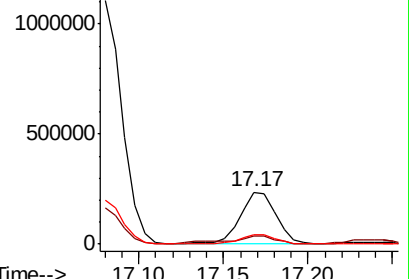
176 19.0 14.8 22.2

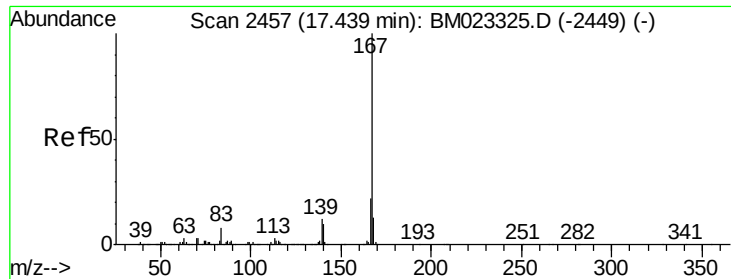


Abundance Ion 178.00 (177.70 to 178.70): E

1500000 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





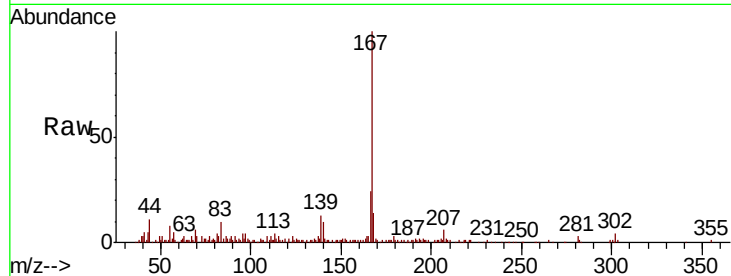
#75
 Carbazole
 Concen: 1.344 ng/ul
 RT: 17.44 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

Instrument :
 BNA_M
 ClientSampleID :
 BFB87

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.0	25.6
139	12.5	10.5	15.7

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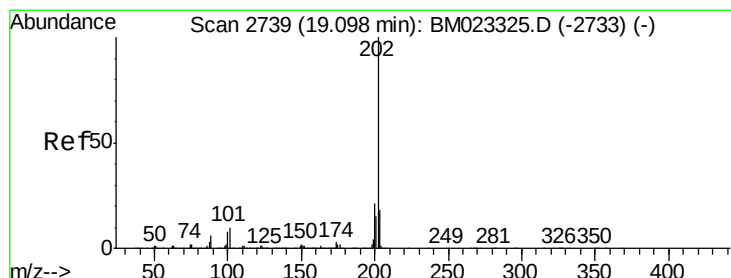
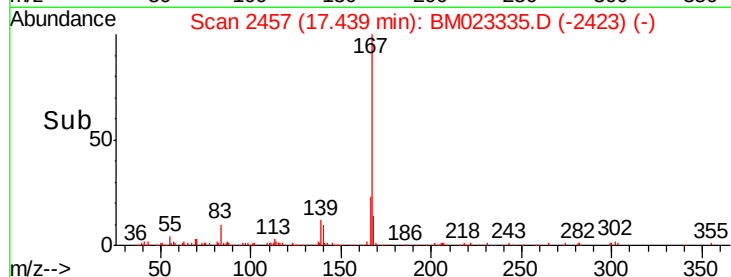
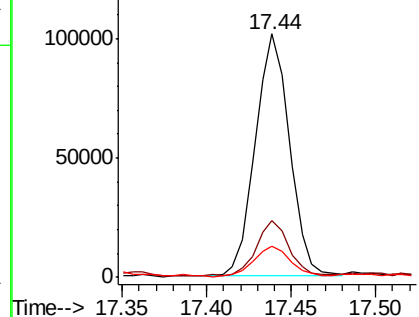


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77
 Fluoranthene
 Concen: 18.232 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. 0.01 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

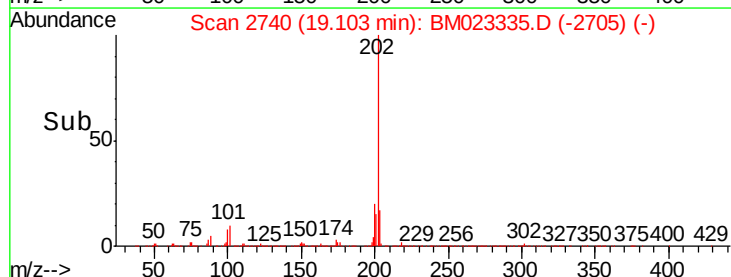
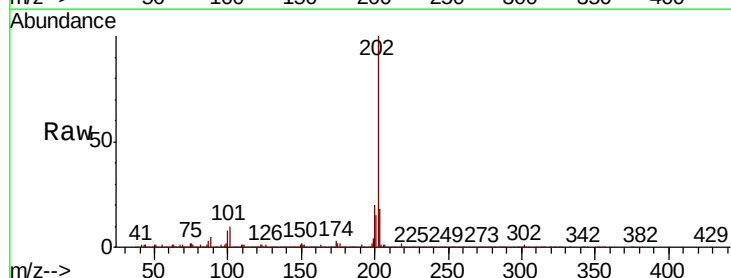
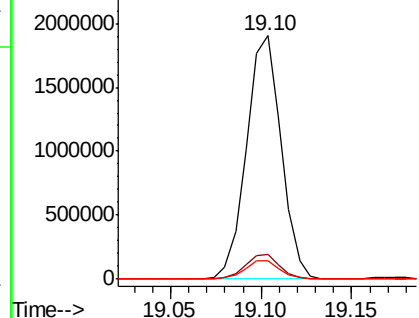
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.6	6.1	9.1

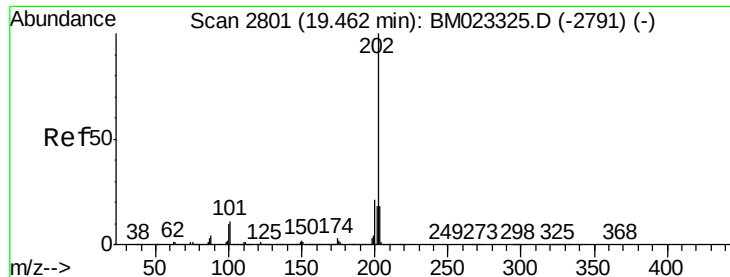
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





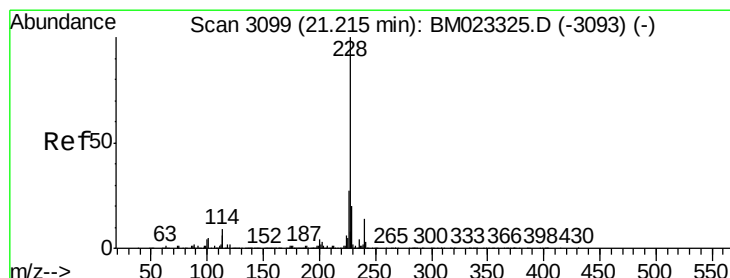
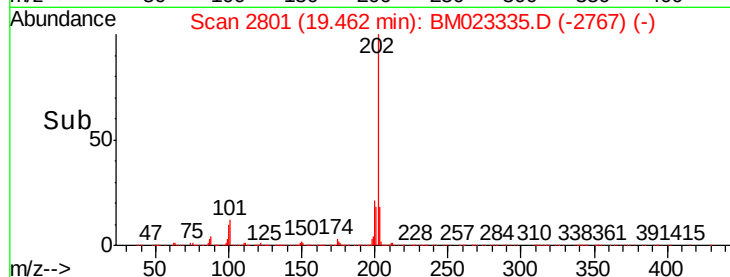
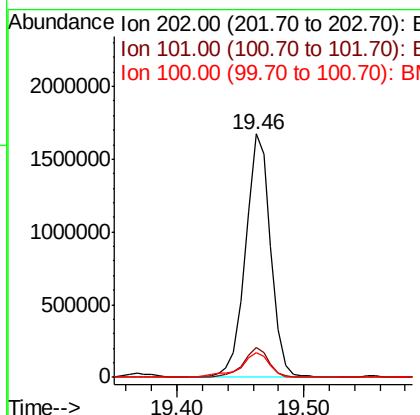
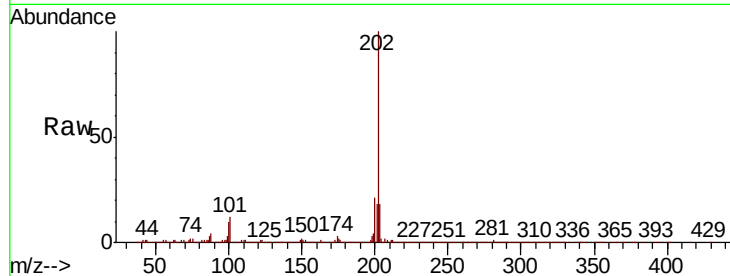
#80
 Pvrene
 Concen: 17.405 ng/ul
 RT: 19.46 min Scan# 2801
 Delta R.T. -0.00 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

Instrument :
 BNA_M
 ClientSampleId :
 BFB87

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.6
100	10.2	7.5	11.3

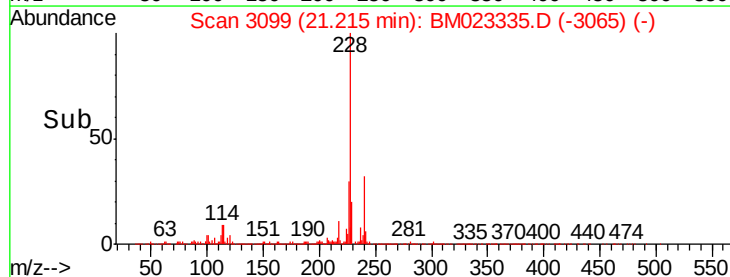
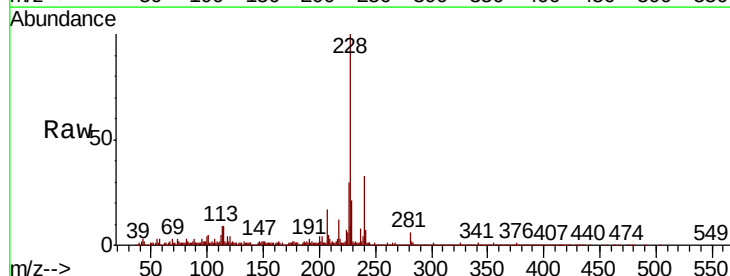
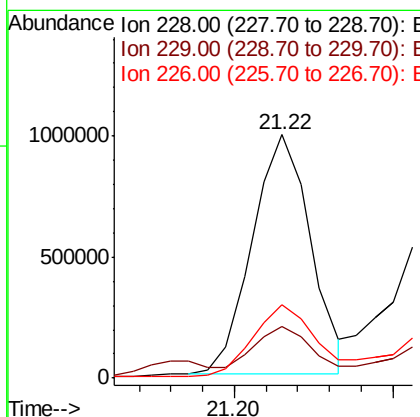
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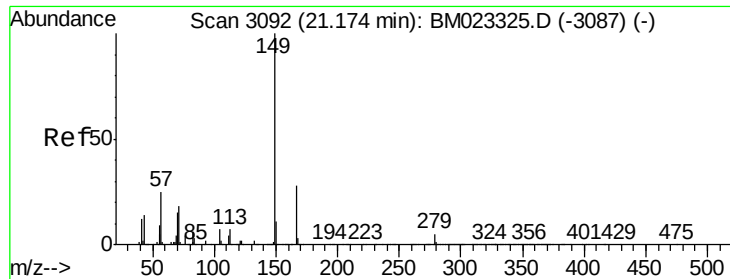
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#83
 Benzo(a)anthracene
 Concen: 8.919 ng/ul
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	30.0	21.5	32.3





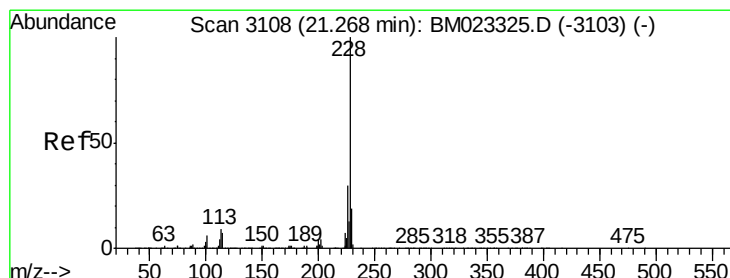
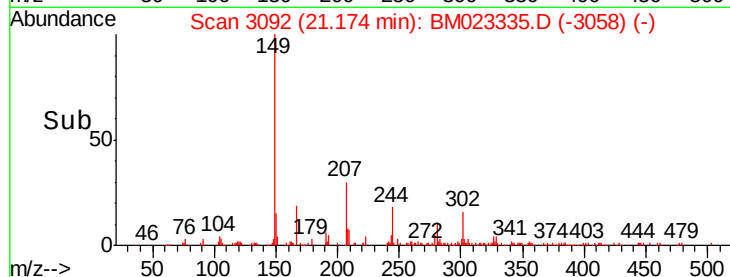
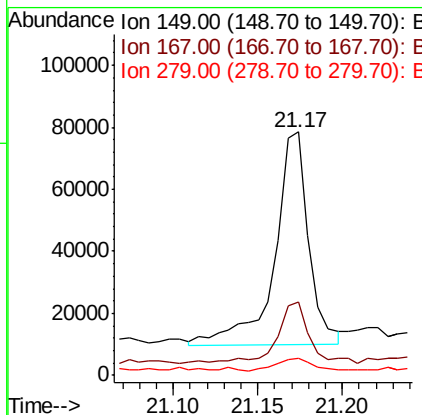
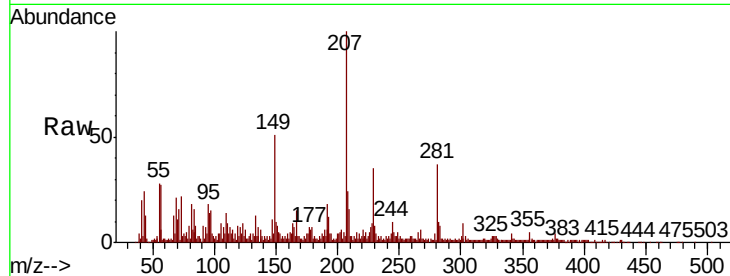
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.334 ng/ul
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

Instrument :
 BNA_M
 ClientSampled :
 BFB87

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.1	33.1
279	7.2	4.3	6.5

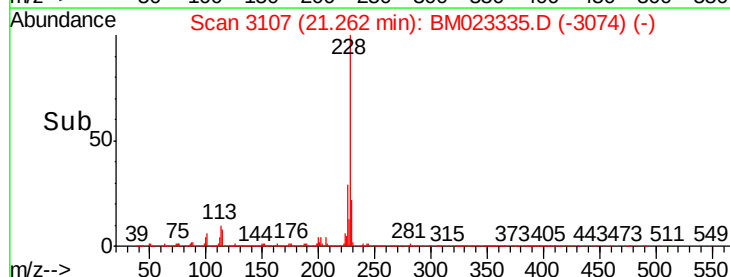
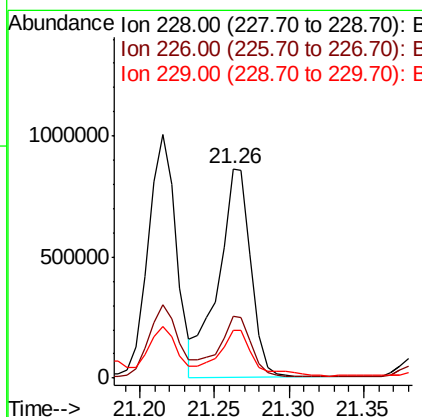
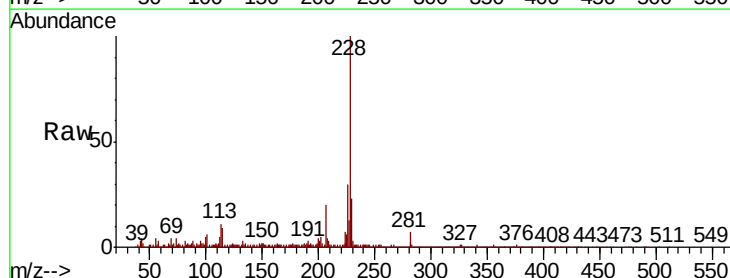
Manual Integrations
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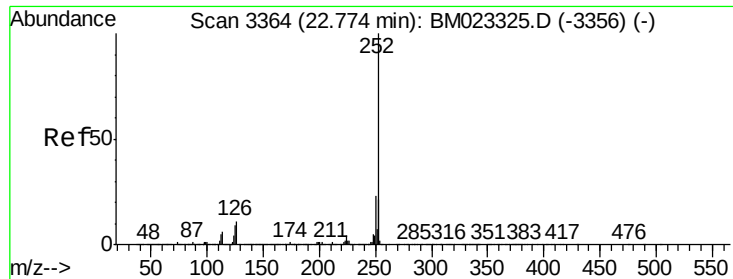
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#85
 Chrysene
 Concen: 9.995 ng/ul
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM023335.D
 Acq: 23 Oct 2019 00:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	22.9	15.5	23.3





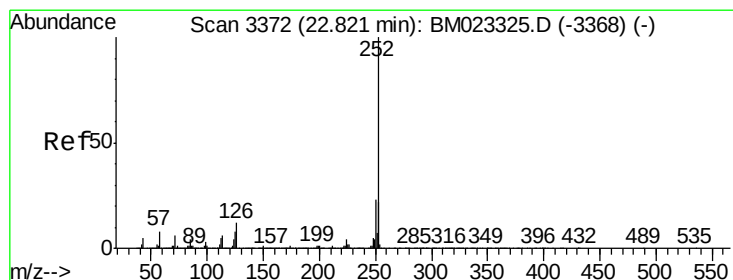
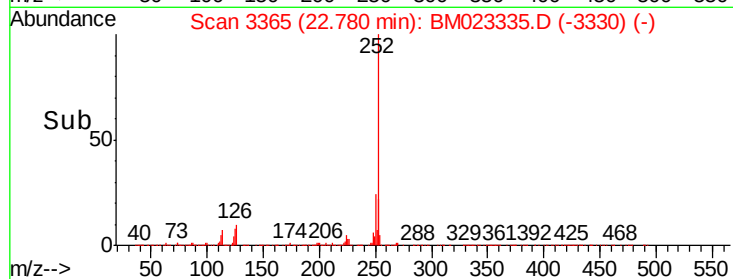
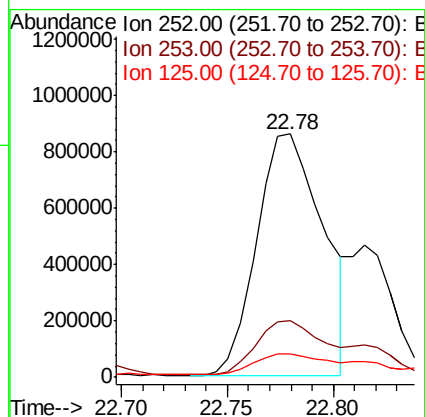
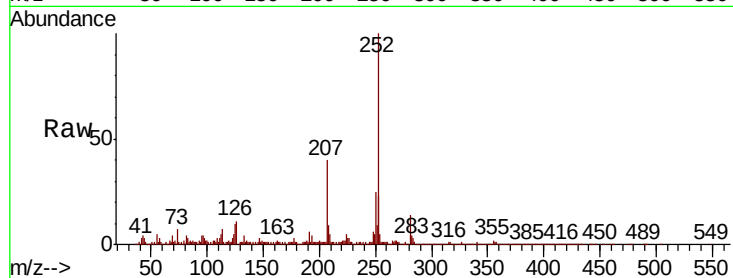
#88
Benzo(b)fluoranthene
Concen: 12.018 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.6	7.0	10.4

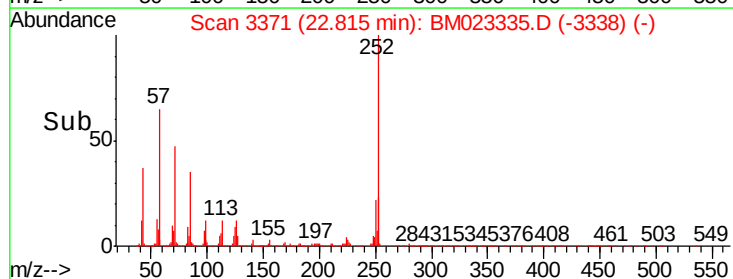
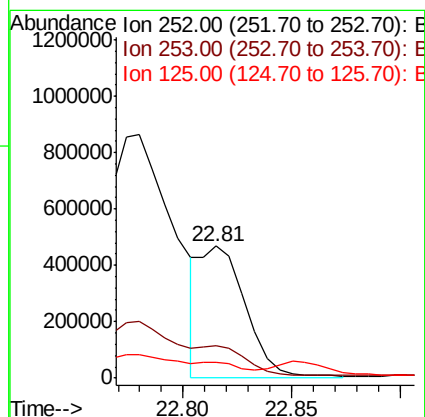
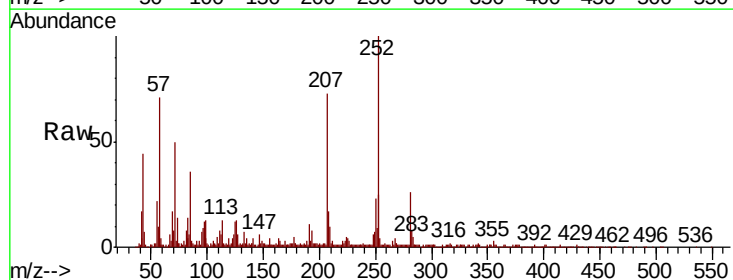
Manual Integrations
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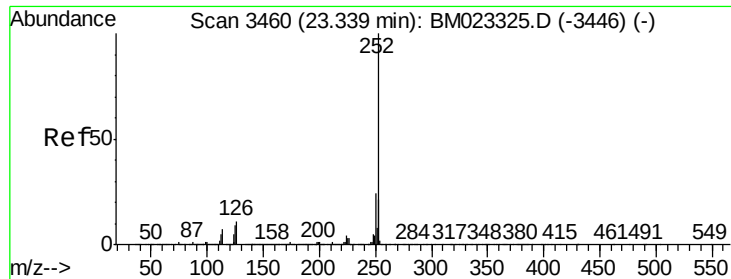
mohammad
10/24/2019 8:09:09 AM



#89
Benzo(k)fluoranthene
Concen: 4.525 ng/ul m
RT: 22.81 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	11.7	6.6	9.8





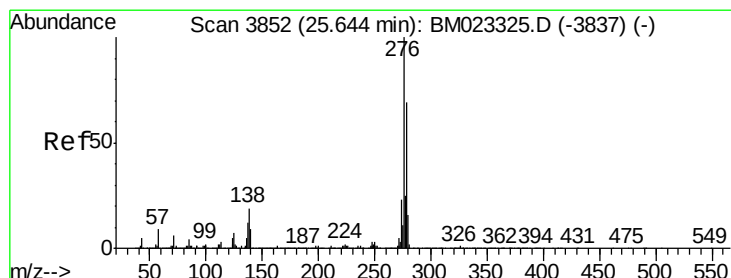
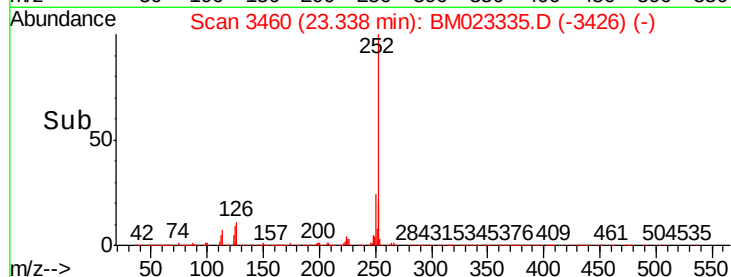
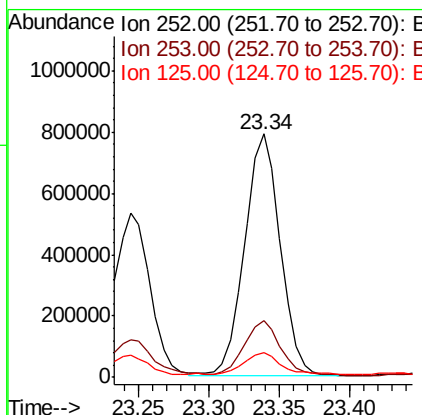
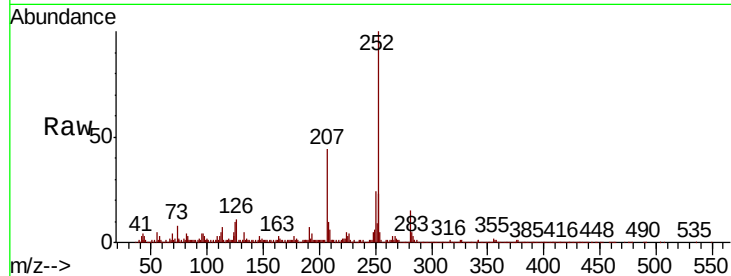
#91
Benzo(a)pyrene
Concen: 9.288 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	9.9	7.1	10.7

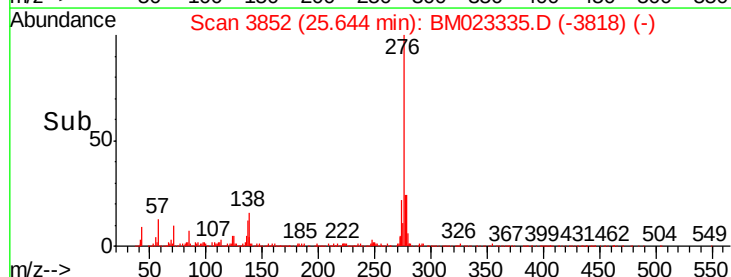
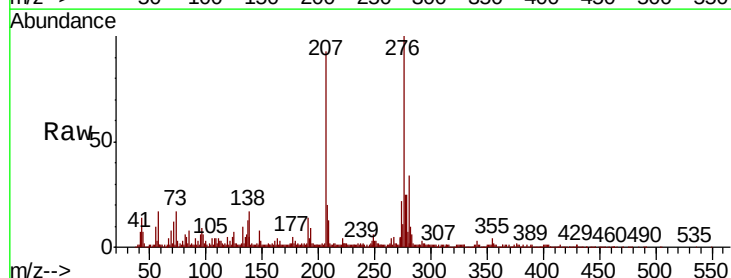
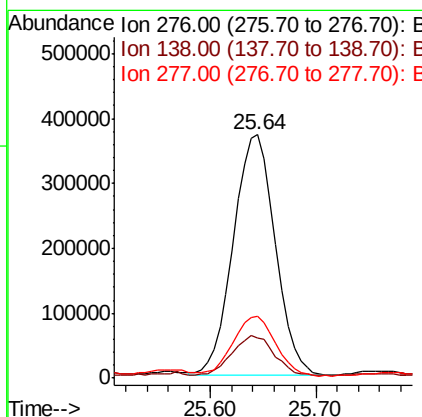
Manual Integrations
APPROVED

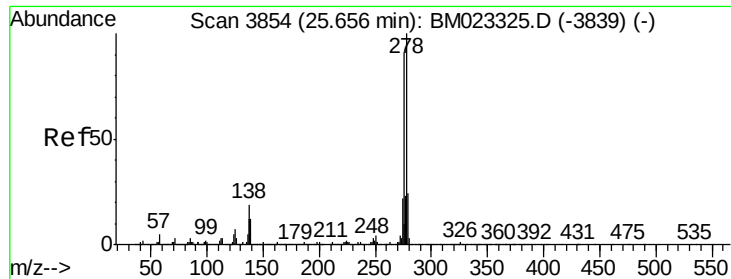
mohammad
10/24/2019 8:09:09 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 5.753 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.8	23.6
277	25.3	19.8	29.8





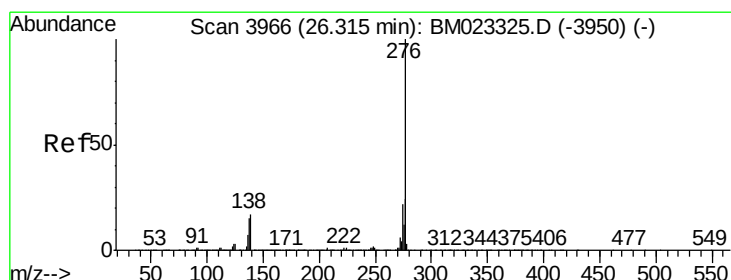
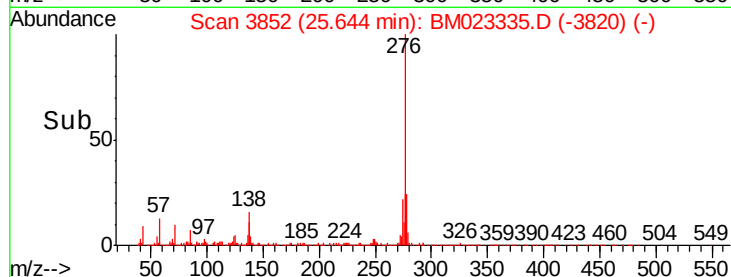
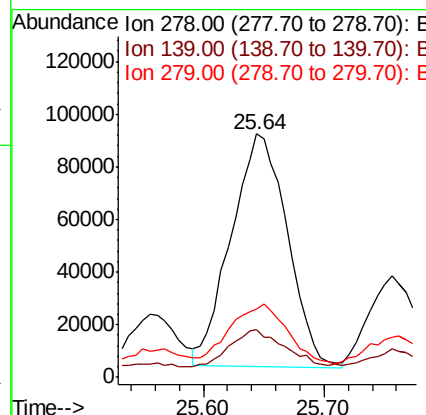
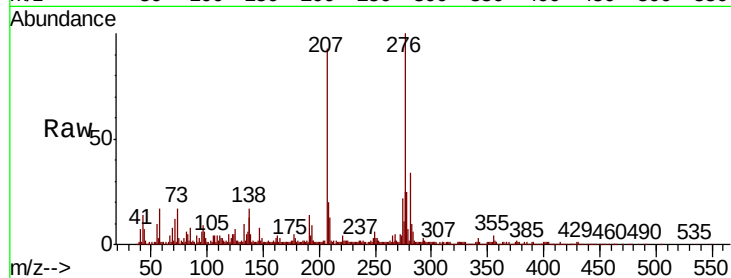
#93
Dibenzo(a,h)anthracene
Concen: 1.915 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.4	10.5	15.7#
279	27.8	19.7	29.5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:09:09 AM



#94
Benzo(g,h,i)perylene
Concen: 6.607 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.9	20.9
277	25.3	18.7	28.1

